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TI - MAGNETIC SCREENING METHOD AND MAGNETIC SCREENING
MACHINE
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PA - HITACHI METALS LTD
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MACHINE
AB - PURPOSE: To easily and completely remove magnetic materials
mixed into powder by disposing a suction means in a guide pipe
having a collar, moving the suction means together with the guide
pipe and moving the suction means so as to cross the collar of the
guide pipe.
- CONSTITUTION: The guide pipe 25 which has the collar 26 on the
outside surface and is internally and freely movably equipped with
magnets 41 is disposed across powder falling passages 1, 2. The
magnets 41 are moved to the guide pipe 25 of the part crossing the
powder passages 1, 2 to drop the powder and to attract the
magnetic materials mixed into the powder on the surface of the
guide pipe 25. The guide pipe 25 is thereafter moved to outside the
powder passages 1, 2 and the magnets 41 are moved in the
direction crossing the collar 26 of the guide pipe 25. The magnetic
materials attracted to the surface of the guide pipe 25 are then
peeled and dropped.
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